(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization

International Bureau



| 1867|| \$11(67|| | 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871|| 1871||

(43) International Publication Date 6 January 2005 (06.01.2005)

PCT

(10) International Publication Number WO 2005/000011 A1

(51) International Patent Classification7: A01J 7/02, 5/04

(21) International Application Number:

PCT/SE2004/000971

(22) International Filing Date: 16 June 2004 (16.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 0301934-6

30 June 2003 (30.06.2003) SI

(71) Applicant (for all designated States except US): DELAVAL HOLDING AB [SE/SE]; Box 39, S-147 21 Tumba (SE).

(72) Inventors; and

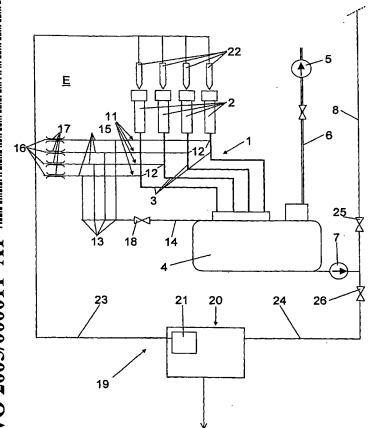
(75) Inventors/Applicants (for US only): BOSMA, Epke [SE/SE]; Hökvägen 52, S-147 34 Tumba (SE).

HOLMERTZ, Nils, Erik [SE/SE]; Mangårdsvägen 17, S-141 51 Huddinge (SE). WASE,Lars [SE/SE]; Skogsviksvägen 6, S-182 56 Danderyd (SE).

- (74) Agents: BJERKÉNS PATENTBYRÅ AB et al.; Östermalmsgatan 58, S-114 50 Stockholm (SE).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

[Continued on next page]

(54) Title: A MILKING DEVICE AND A METHOD OF HANDLING A MILKING DEVICE



(57) Abstract: The invention refers to a milking device and a method of handling a milking device. The milking device includes a milk-transporting member (1) having at least one teacup (2) and arranged to transport milk from a teat of an animal to a milk-collecting member (4) during a milking state. A low pressure is connected to the milk-transporting member (1) for sucking the milk from the teat to the milk collecting member. A gas conduit (11) permits the introduction of a gas into the milk-transporting member. The gas conduit has a first end (12), which is connected to the milk-transporting member, and a gas inlet member (15). The gas conduit has a second end connectable to a relatively low pressure for permitting a flow of a cleaning fluid from the milk-transporting member through the gas conduit during a cleaning state.

WO 2005/000011 A1



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.